

## **A B S T R A C T**

Disclosed is a heat transfer system, the heat emanating from a regular light bulb wherein the heat generated by the filament within the glass of the light bulb is generally wasted by exposure to the environment. The regular light bulb is surrounded by a metallic heat shield in close proximity to the light bulb. The heat shield itself is surrounded by a coiled tubing having a medium that will heat because of the influence of the heat from the light bulb. The heated medium will be transferred to another location to heat another medium such as water. for example. The light source will also be transferred to another light emitting source to light a predetermined area. The light source transfer may be accomplished by a glass fiber optics cable which will transfer the light energy from the initial light source, the light bulb, to a new source of a light emitting device.